Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Sunday 08 Aug 2021 until 23:59 on Monday 09 Aug 2021

Forecast Issued on Sunday 08 Aug 2021 at 02:55

Confidence: High for changeable conditions for remainder of this weekend, with showers and some longer spells of rain, some heavy and thundery. A trend towards more settled conditions by Tuesday.

Headline for Sunday 08 Aug 2021: Showers, some heavy and thundery by the afternoon. Longer spells of rain possible on Sunday with the strongest winds, mainly across summits.

Mountain weather hazards on Sunday 08 Aug 2021

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
Low Likelihood

Severe chill effect
No Likelihood

Poor visibility
High Likelihood

Thunderstorms
Medium Likelihood

Heavy persistent rain
Medium Likelihood

Strong sunlight
Medium Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Heavy rain showers	Thunderstorm	Thunderstorm	Heavy Rain	Light rain
Precipitation probability					
60%	90%	80%	60%	40%	40%

Forecast for Sunday 08 Aug 2021

Weather: Scattered showers at first, these turning more frequent heavy and persistent through Sunday morning, with cloud covering most summits. Showers with brief brighter spells for the afternoon; some heavy with risk of thunder. Becoming breezy, perhaps windy on hilltops. Showers slowly easing later in the evening.

Chance of cloud free mountain/hill tops above 600m: 0-10% initially with overcast bases around 400m improving to 70% for the afternoon and evening.

Visibility: Moderate for much of the day, becoming poor in heavier showers and rain and very poor at times across summits, improving to good at times for the evening.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
(C) Crown Copyright 2021. All Rights Reserved

Mountain Weather Forecast

Forecast for Sunday 08 Aug 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/14 SW	13/18 W	19/27 W	18/28 W	21/31 W	18/28 SW	16/25 SW
300	6/14 W	9/17 W	14/26 W	14/28 W	15/30 W	12/25 W	11/23 W
Valley	3/10 W	7/16 W	13/25 W	14/28 W	13/27 W	9/21 SW	8/19 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/9	12/10	12/9	12/9	11/8	11/8	10/8
300	13/12	14/13	15/12	15/12	14/11	13/11	12/11
Valley	14/14	15/14	16/14	16/14	15/13	14/13	14/12
Freezing Level*	2600m	2500m	2500m	2500m	2400m	2300m	2200m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Strong and gusty winds across summits, with quite chilly conditions in heavy showers. Lightning could be a hazard.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Sun 08 Aug 2021	24.8mm	32mm	44.6mm

Forecast for Monday 09 Aug 2021

Weather: A misty start with cloud bases lowering across summits during early hours of Monday morning but staying mainly dry. Cloud lifting and breaking after day-break with showers and some sunshine likely by the afternoon. These showers less heavy than recent days. A few showers and bright or clear spells for the evening, then probably mainly dry to end the day.

Maximum wind: Westerly or southwesterly with gusts reaching 25-30mph during afternoon.

Chance of cloud free mountain/hill tops above 600m: 0% for early hours becoming 20% after day break and 70% for the afternoon and evening, perhaps lowering again late evening to 50% as cloud bases lower to around 700m.

Visibility: Poor or very poor in the morning becoming moderate or good from late-morning onwards.

Temperature: **Valleys:** Plus 9 degrees Celsius becoming plus 18 degrees Celsius.
At 600m: Plus 8 degrees Celsius becoming plus 12 degrees Celsius.
Freezing level: Well above the summits.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
(C) Crown Copyright 2021. All Rights Reserved